

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re application of:** Siu Choon Ng, et al.

**Application No.** ---

**Filed:** Herewith

**Confirmation No.** ---

**For:** MATERIALS COMPRISING  
SACCHARIDE CROSS-LINKED AND  
CHEMICALLY BONDED TO A SUPPORT  
VIA UREA LINKAGES

**Examiner:** ---

**Art Unit:** ---

**Attorney Reference No.** 4810-67824/RJP

**INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. § 1.97(b)(3)**

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Listed on the accompanying form PTO-1449 are several English-language documents.

Applicant respectfully requests that these documents be listed as references cited on the issued patent.

The present application is a divisional application and relies upon U.S. Patent Application No. 09/888,088, which was filed on June 22, 2001, for an earlier filing date under 35 U.S.C. § 120. Furthermore, documents listed on the accompanying form PTO-1449 were disclosed to or cited by the Patent Office in the earlier U.S. application. As a result, copies of the documents need not be sent to the Patent Office pursuant to 37 C.F.R. § 1.98. However, Applicants will furnish the Patent Office with such copies upon request.

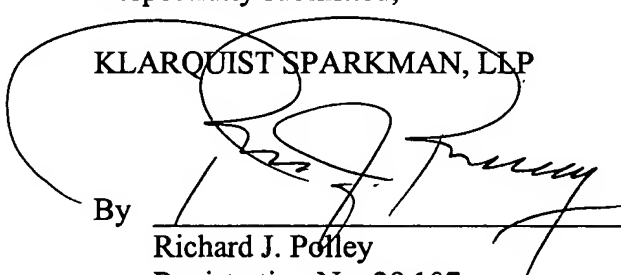
Applicants filed this Information Disclosure Statement ("IDS") before the mailing date of a first Office action on the merits. As a result, no fee should be required to file this IDS. However, if the Patent Office determines that a fee is required for Applicants to file this IDS, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A **duplicate** copy of this Information Disclosure Statement is enclosed.

The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

Respectfully submitted,

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<b>FORM PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>	Docket Number (Optional)	Application Number
	Applicant  Siu Choon NG et al.	
	Filing Date	Group Art Unit

U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,539,399	Sep. 3/1985	Armstrong	536	103	
	5,104,547	Apr. 14, 1992	Cabrera et al.	210	656	
	5,208,316	May 4, 1993	Yoshinaga	528	68	
	5,241,059	Aug. 31, 1993	Yoshinaga	536	4.1	
	5,639,824	Jun. 17/1997	Okamoto	525	54.2	
	6,017,458	Jan. 25/2000	Ng et al.	210	635	

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
	DE 43 24 636 A1	May 11, 1994	Germany				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Willie L. Hinze, "Applications of Cyclodextrins in Chromatographic Separations and Purification Methods", <i>Separation and Purification Methods</i> , 1981, 10(2), pp. 159-237.
	Y. Kawaguchi, et al., "Chemically Bonded Cyclodextrin Stationary Phases for Liquid Chromatographic Separation of Aromatic Compounds", <i>Anal. Chem.</i> , 1983, Vol. 55, pp. 1852-1857.
	D.W. Armstrong, et al., "Liquid Chromatographic Separation of Diastereomers and Structural Isomers on Cyclodextrin-Bonded Phases", <i>Anal. Chem.</i> , 1985, Vol. 57, pp. 234-237.
	Song Li, et al., "Cyclodextrins and Their Applications in Analytical Chemistry", <i>Chem. Rev.</i> , 1992, Vol. 92, pp. 1457-1470.
	D.W. Armstrong, et al., "Derivatized Cyclodextrins for Normal-Phase Liquid Chromatographic Separation of Enantiomers", <i>Anal. Chem.</i> , 1990, Vol. 62, pp. 1610-1615.
	Tihamer Hargitai et al., "Preparation and Chromatographic evaluation of 3,5-dimethylphenyl carbamoylated $\beta$ -cyclodextrin stationary phases for normal-phase high-performance liquid chromatographic separation of enantiomers", <i>Journal of Chromatography</i> , 1993, Vol. 628, pp. 11-22.
EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant.	

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Tihamer Hargitai et al., "Evaluation of 3,5-Dimethylphenyl Carbamoylated $\alpha$ -, $\beta$ -, and $\gamma$ -Cyclodextrins as Chiral Stationary Phases for HPLC", <i>Journal of Liquid Chromatography</i> , 1993, Vol. 16(4), pp. 843-858.
		V. Schurig et al., "Enantiomer separation on a Chirasil-Dex-polymer-coated stationary phase by conventional and micro-packed high-performance liquid chromatography", <i>Journal of Chromatography A</i> , 1996, Vol. 755, pp. 299-307.
		Volker Schurig et al., "Toward Unified Enantioselective Chromatography with a Single Capillary Column Coated with Chirasil-Dex", <i>Angew. Chem. Int. Ed. Engl.</i> , 1994, Vol. 33, No. 21, pp.2222-2223.
		Boris I. Gorin et al., "Efficient Perfacial Derivatization of Cyclodextrins at the Primary Face", <i>Tetrahedron Letters</i> , 1996, Vol. 37, No. 27, pp. 4647-4650.
		David Alker et al., "Per-6-bromo-per-2,3-dimethyl- $\beta$ -cyclodextrin", <i>Tetrahedron Letters</i> , 1994, Vol. 35, No. 48, pp. 9091-9094.
		Christine Roehoi-Stoeckel et al., "A simple Synthesis of a Highly Water Soluble Symmetrical $\beta$ -Cyclodextrin Derivative", <i>Tetrahedron Letters</i> , 1997 Vol. 38 No. 9, pp. 1551-1554.
		Li-Feng Zhang et al., "A facile route into 6 <sup>A</sup> -mono- $\omega$ -alkenylcarbamido-6 <sup>A</sup> -deoxy - perfunctionalised cyclodextrin: key intermediate for further reactive functionalisations", <i>Tetrahedron: Asymmetry</i> , 10 (1999), pp. 4107-4113.
		Li-Feng Zhang et al., "A facile Immobilisation Approach for Perfunctionalised Cyclodextrin onto Silica via the Staudinger Reaction", <i>Tetrahedron Letters</i> (1999), 40, pp. 1815-1818.
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